Alaska Technology Standards:

TECHNOLOGY

A

A student should be able to operate technology-based tools.

A student who meets the content standard should:

1) use a computer to enter and retrieve information;

2) use technological tools for learning, communications, and productivity;

3) use local and worldwide networks;

4) manage and maintain technology tools; and

5) diagnose and solve common technology problems.

B

A student should be able to use technology to locate, select, and manage information.

A student who meets the content standard should:

1) identify and locate information sources using technology;

2) choose sources of information from a variety of media; and

3) select relevant information by applying accepted research methods.

C

A student should be able to use technology to explore ideas, solve problems, and derive meaning.

A student who meets the content standard should:

1) use technology to observe, analyze, interpret, and draw conclusions;

2) solve problems both individually and with others; and

3) create new knowledge by evaluating, combining, or extending information using multiple technologies.

D

A student should be able to use technology to express ideas and exchange information.

A student who meets the content standard should:

1) convey ideas to a variety of audiences using publishing, multi-media, and communications tools;

2) use communications technology to exchange ideas and information; and

3) use technology to explore new and innovative methods for interaction with others.

E

A student should be able to use technology responsibly and understand its impact on individuals and society.

A student who meets the content standard should:

1) evaluate the potentials and limitations of existing technologies;

2) discriminate between responsible and irresponsible uses of technology;

3) respect others' rights of privacy in electronic environments;

4) demonstrate ethical and legal behavior regarding intellectual property, which is the manifestation of an original idea, such as computer software, music, or literature;

5) examine the role of technology in the workplace and explore careers that require the use of technology;

6) evaluate ways that technology impacts culture and the environment;

7) integrate the use of technology into daily living; and

8) recognize the implications of emerging technologies.